

Message

From: Edge, Charles (ATSDR/DTHHS/OD) [ibd7@cdc.gov]
Sent: 10/25/2017 8:32:50 PM
To: Werner, Lora [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=921f9f156035403fa605c142a287cc1a-Lwerne02]
CC: Holler, James S. (Jim) (ATSDR/DTHHS/OD) [jsh2@cdc.gov]; ran2@cdc.gov [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=03bbfb4721134794ba6e837cee3f0dd3-ran2@cdc.gov]
Subject: RE: Parkersburg, VA Fire

Lora,
Something like this??

Overall, levels of PM_{2.5} and PM₁₀ seem to be decreasing from the first recorded readings (10/23) to date. No air sampling data has been made available. Below are the trends in the realtime air monitoring.

10/23/17

Levels of PM_{2.5} were highest 0.32 miles from the site at 2,810 ug/m³. Levels of PM₁₀ were highest 1.15 miles from the site at 384 ug/m³. The average of the PM_{2.5} and PM₁₀ readings for all the locations monitored were 241 ug/m³ and 110 ug/m³, respectively. The highest concentration of SO₂ was recoded at 0.5ppm.

10/24/17

Levels of PM_{2.5} were highest 0.4 miles from the site at 2,210 ug/m³. Levels of PM₁₀ were highest 0.21 miles from the site at 858 ug/m³. The average of the PM_{2.5} and PM₁₀ readings for all the locations monitored were 77 ug/m³ and 96 ug/m³, respectively. The highest concentration of SO₂ was recoded at 0.1ppm.

10/25/17

Levels of PM_{2.5} were highest 0.25 miles from the site at 531 ug/m³. Levels of PM₁₀ were highest 0.25 miles from the site at 425 ug/m³. The average of the PM_{2.5} and PM₁₀ readings for all the locations monitored were 49 ug/m³ and 41 ug/m³, respectively. No SO₂ readings were recorded.

According to the Air Quality Index for Particulate Matter, 250.5 to 500 ug/m³ on a 24-hour average is considered hazardous. Based on the maximum concentrations only, these areas would be considered hazardous to health. 24-hour averages were not available. These are realtime instantaneous readings.

From: Werner, Lora S. (CDC epa.gov)
Sent: Wednesday, October 25, 2017 4:00 PM
To: Edge, Charles (ATSDR/DTHHS/OD) <ibd7@cdc.gov>
Subject: Re: Parkersburg, VA Fire

This is so helpful!! Great hope you get ok to share soon. Maybe add in AQI categories to go with those max values? And average levels too? If not too much trouble.

L

Sent from my iPhone

On Oct 25, 2017, at 3:49 PM, Edge, Charles (ATSDR/DTHHS/OD) <ibd7@cdc.gov> wrote:

Lora,

Below is a quick summary of the data today. I am waiting on Jim to look it over as reviewer. Hope this gives a bit of a snapshot.

Charles

Overall, levels of PM_{2.5} and PM₁₀ seem to be decreasing from the first recorded readings (10/23) to date. No air sampling data has been made available. Below are the trends in the realtime air monitoring.

10/23/17

Levels of PM_{2.5} were highest 0.32 miles from the site at 2,810 ug/m³. Levels of PM₁₀ were highest 1.15 miles from the site at 384 ug/m³. The highest concentration of SO₂ was recoded at 0.5ppm.

10/24/17

Levels of PM_{2.5} were highest 0.4 miles from the site at 2,210 ug/m³. Levels of PM₁₀ were highest 0.21 miles from the site at 858 ug/m³. The highest concentration of SO₂ was recoded at 0.1ppm.

10/25/17

Levels of PM_{2.5} were highest 0.25 miles from the site at 531 ug/m³. Levels of PM₁₀ were highest 0.25 miles from the site at 425 ug/m³. No SO₂ readings were recorded.